

METAL PIPE

The Standard Specifications are revised as follows:

SECTION 715, BEGIN LINE 17, DELETE AS FOLLOWS:

Concrete used for anchors, collars, grated box end sections, encasements, and sealing existing pipes shall be class A. Corrugated polyethylene pipe, type S has a smooth interior liner with a corrugated outer wall. Type SP pipe is a type S pipe with perforations. ~~Polymer precoated galvanized corrugated steel pipe type IA and pipe arch type IIA have an outer shell of corrugated sheet with helical corrugations and an inner liner of smooth sheet attached to the shell with a helical lock seam.~~

SECTION 715, AFTER LINE 149, INSERT AS FOLLOWS:

(k) Pipe End Sections

Metal pipe end sections shall be in accordance with 908.06. Precast concrete pipe end sections shall be in accordance with 905.06.

SECTION 715, BEGIN LINE 239, INSERT AS FOLLOWS:

715.06 Joining Pipe

Band couplers for AASHTO M 36 (M 36M) type I and type II corrugated steel pipe and pipe-arches shall have corrugations that mesh with the corrugations of the pipe sections being joined or the annular rerolled ends of those pipe sections. Band couplers with projections (dimples) may be used with pipe having either annular or helical corrugations only when corrugated band couplers will not provide a matching connection to both pipes. Band couplers for AASHTO M 36 (M 36M) type IA and IIA corrugated steel pipe and pipe-arches shall have corrugations that mesh with the corrugations of the pipe or shall be gasketed flat bands.

SECTION 908, BEGIN LINE 5, DELETE AND INSERT AS FOLLOWS:

908.02 Corrugated Steel Pipe and Pipe-Arches

Corrugated steel pipe and pipe-arches shall be type I, IA, II, or IIA in accordance with AASHTO M 36 (M 36M).

~~This~~ *Corrugated steel pipe, or pipe-arches, and the coupling bands shall be zinc coated steel or aluminum coated steel in accordance with AASHTO M 36 (M 36M), except as noted herein. They may be fabricated with circumferential corrugations and riveted lap joint construction or with helical corrugations with continuous lock or welded seam extending from end to end of each length of pipe. Reforming the ends of helical corrugated pipe to form circumferential corrugations will be permitted to allow use of circumferential corrugated coupling bands. The reforming shall be limited to the length required to accommodate the coupling bands and in such a manner that there is not appreciable slippage of the seam nor a plane of weakness created.*

~~The pipe shall be type I, IA, II, or IIA.~~

~~Band couplers for type I and type II pipe shall have corrugations that mesh with the corrugations of the pipes sections being joined or the annular rerolled ends of those~~

~~pipe sections. Band couplers for type IA and IIA pipe shall have corrugations that mesh with the corrugations of the pipe or shall be gasketed flat bands.~~

Polymer precoated galvanized corrugated steel pipe type IA and pipe-arch type IIA have an outer shell of corrugated sheet with helical corrugations and an inner liner of smooth sheet attached to the shell with a helical lock seam.
